Work Order ID 70220

Tuesday, May 31, 2011 1:45:15 PM



Page 1

Item ID:

D3297-3-0210

Accept



Setup Start

Stop



Revision ID:

Item Name:

Required Date: 6/8/2011

HOSE ASS'Y

5/31/2011

Start Oty: 4.00

Req'd Qty: 4.00



Cust Item ID: Customer:

Reference:

Start Date:

Approvals:

Process Plan:

Date:

Date: 1/05/3 Tooling:

0.00

0.00

SPC (Y/N):

Date:

Tool ID

Date:

Run

Start

Stop



Sequence ID/ Work Center ID Operation

Revision Nbr

Description

Set Up/ **Run Hours**

Tool # Plan

Accept Qty

Code

Reject **Qty**

Reject Insp. Number Stamp

Draw Nbr D3297

Purchasing

Rev D

100

Purchasing

PURCHASING

Memo

Hose Assembly as per Dwg D3297

Possible Supplier: API

Material release note is required

110

Receive & Inspect for Damage & Mat'l Certs

0.00

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

CL_11/05/31_

Dart Aerospace Ltd

W/O:			I W	ORK ORDER CHAN	IGES				
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		·							
							31		
Part No	:	PAR #:	Fault Cate	egory:	NCR: Yes	No DQ	A :	Date: _	
	R	esolution:	.					Date: _	
NCR:		•	WORK ORD	ER NON-CONFORI	MANCE (NC	R)			
DATE	STEP	Description of NC Section A	Initial	Corrective Action S Action Description	ection B		cation	Approval	Approval
		Section A	Chief Eng	Chief Eng	Date		on C	Chief Eng	QC Inspector
						İ		!	
	<u> </u>								

 $[\]label{eq:proved_QANCRWORE} $$ \mu:\FORM\S\Quality\ Assurance\approved\ QA\NCRWO\ RevE $$$

Work Order ID 70220

Tuesday, May 31, 2011 1:45:15 PM



Page 2

Item ID:

D3297-3-0210

Accept



Setup Start

Stop



Revision ID:

HOSE ASS'Y **Item Name:**

Required Date: 6/8/2011

Start Date:

5/31/2011

Start Qty: 4.00

Req'd Qty: 4.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start



Date:_____

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

120

Quality Control

Operation Description

QC6- Inspect dimensions to drawing

Memo

Set Up/ Run Hours

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

130

Small Fab

Small Fab

Small Fab

Memo

Install D2729-1 as per Dwg D3297 using D2182-045 Heat Shrink

140

Packaging

Packaging

Identify as per dwg & Stock Location:

Memo

0.00

0.00

0.00

0.00

Dart Aerospace Ltd W/O: **WORK ORDER CHANGES Approval Approval** DATE **STEP** PROCEDURE CHANGE By Qty Date Chief Eng / QC Inspector Prod Mar Part No: ______ PAR #: ____ Fault Category: _____ NCR: Yes No DQA: ___ Date: ___ Resolution: _____ Disposition: ____ QA: N/C Closed: ____ Date: ____ WORK ORDER NON-CONFORMANCE (NCR) NCR: **Corrective Action** Section B **Description of NC** Verification Approval **Approval** DATE **STEP** Sign & **Action Description** Initial Section A Section C Chief Eng QC Inspector Chief Eng Date Chief Eng

_H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE

Work Order ID 70220

Tuesday, May 31, 2011 1:45:15 PM



Page 3

Item ID:

D3297-3-0210

Accept

Setup Start

Revision ID:

Item Name:

Required Date: 6/8/2011

HOSE ASS'Y

Start Date:

5/31/2011

Start Qty: 4.00

Req'd Qty: 4.00

Operation

Description



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

QC:

QC21- Final Inspection - Work Order Release

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Start Run

Stop

Stop

Sequence ID/

Work Center ID

150

Quality Control

Memo

0.00

0.00

Set Up/

Run Hours

Tool ID

Tool # Plan

Accept Code Qty

Reject Qty

Reject Number Stamp

Insp.

Dart Ae	rospace	Ltd								
W/O:				WOI	RK ORDER CHANGES					
DATE	STEP	PRO	CEDURE	1		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
							2			
		-								
Part No		PAR #: solution:								
	ne								Date: _	
NCR:		'	WORK (ORDE	R NON-CONFORMANC	E (NCF	R)			
DATE	STEP	Description of NC Section A	Initi Chief E	al	Corrective Action Section B Action Description Chief Eng	ction Description Sign		cation ion C	Approval Chief Eng	Approval QC Inspector
	,			·				-,-		

 $[\]label{eq:hamproved} \textbf{QA} \\ \textbf{NCRWO RevE}$

Picklist Print

Tuesday, May 31, 2011 1:45:13 PM

Work Order ID: 70220

Parent Item: D3297-3-0210

Parent Item Name: HOSE ASS'Y



Start Date: 5/31/2011

Start Qty: 4.00

Required Date: 6/8/2011

Page 1

Required Qty: 4.00

Comments:

IPP: B□04.11.09□Added Step 5□KJ/JLM□

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date St Issued	tatus
156005-6D0210 HOSE ASS'Y		Purchased	No			110	Each	0.0000	1	4] e4/e/	4 4	
D2182-045 Heat Shrink 4.5" Long		Manufactured	No			¹³⁰ 3	2186	0.0000 		4S,	1/06	/6	
D2729-1		Manufactured	No			130	Each	0.0000		4	5 11/0	6/06	

Dart Aerosp	pace Ltd
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W/O:			W	ORK ORDER CH	ANGES				•	
DATE	STEP	PRO	CEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	,									
			·							·
		2								
Part No	• •	PAR #:	Fault Cat	egory:	NCF	R: Yes I	No DQ	4:	_ Date: _	
	R	esolution:	Dispositi	on:	QA:	N/C Clo	sed:		Date:	
NCR:		• 1	WORK ORE	DER NON-CONFO	RMANCE	(NCR)			
DATE	STEP	Description of NC		Corrective Action	Section B		Verific	ation	Approval	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Descrip Chief Eng	otion	Sign & Date	Secti		Chief Eng	QC Inspector
	·								·	
	. 73377							···		
,										
						,				
NOTE: D	1 0 1 1 11									L

H:\fFORMS\Quality Assurance\approved QA\NCRWO RevE



***************************************	DESIG	*	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
	CHEC	(ED _{IL})	APPROVEQ,	DRAWING NO.	REV. D
		#		D3297 SHEET	1 OF 1
	DATE			TITLE	SCALE
	05.0)1.21		HOSE ASSEMBLIES	NTS
	Α		04.07.06	NEW ISSUE	
	В		04.11.01	STRATOFLEX P/N WAS AEROQUIP P/	'N
	С		04.11.18	T50 CORRECTED TO TSO	
	D		05.01.21	CORRECT STRATOFLEX P/N	



HOSE FITTING P/N 676-6D	HOSE FITTING P/N 675-60
HOSE FITTING P/N 676-6D	90° FITTING P/N 680-60 03297-3
HOSE FITTING P/N 676-4S	HOSE FITTING P/N 676-4S

STRATOFLEX P/N	VENDOR	A	В
156001-6D0096	- API	9.75	
156001-6D0130	API	13.00	
156001-6D0121	API	12.13	
156005-6D0085	API		8.50
156005-6D0210	API		21.00
156005-6D0350	API		35.00
156001-4S0410	API	41.00	
	156001-6D0096 156001-6D0130 156001-6D0121 156005-6D0085 156005-6D0210 156005-6D0350	156001-6D0096 API 156001-6D0130 API 156001-6D0121 API 156005-6D0085 API 156005-6D0210 API 156005-6D0350 API	156001-6D0096 API 9.75 156001-6D0130 API 13.00 156001-6D0121 API 12.13 156005-6D0085 API 156005-6D0210 API 156005-6D0350 API

D3297-1-XXXX HOSE ASSEMBLY 03297-3-XXXX HOSE ASSEMBLY 03297-5-XXXX HOSE ASSEMBLY 03297-5-XXXX HOSE ASSEMBLY

EG: 12.125" LONG: D3297-1-0121

41.00" LONG: D3297-5-0410 8.50" LONG: D3297-3-0085

- 1) IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) HOSE ASSEMBLIES TO MEET THE REQUIREMENTS OF TSO-C53a TYPE "A"

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Dart Aerospace Ltd

W/O:			W	ORK ORDER CH	ANGES					
DATE	STEP	PRO	DCEDURE CH	ANGE		By Date Qty C				Approval QC Inspector
			•							
Part No		PAR #:	Fault Cat	tegory:	NC	R: Yes	No DQA:		Date:	<u> </u>
		esolution:			1					
NCR:		1	WORK ORI	DER NON-CONF	PRMANCI	E (NCR	3)			
DATE	CTED	Description of NC		Corrective Action	Section B		Verificat	tion	Approval	Approval
DATE	STEP Description of NC Section A	Section A	Initial Chief Eng	Action Descri Chief Eng	ption	Sign & Date	Section		Chief Eng	QC Inspector
									:	
						1				
	<u></u>									



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO14218

Purchase Order Date 5/31/2011 PO Print Date 5/31/2011

Page Number 1 of 1

Order From:

VC-AER002

AEROSPACE PRODUCTS INTERNATIONAL P.O. BOX 223, STATION M CALGARY, AB T2P 2H6

CA

Contact Name

Vendor Phone

800 214 7404

Vendor Fax

800 214 8875

Vendor Account Nbr

Buyer

Requisition Nbr

Tax Resale Nbr

Terms Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CANADA

						2.	
Line I	Nbr Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable U	Req Qty/ nit of Measure	Ship Method	Unit Price	Extended Price
1	156001-6D0096	HOSE ASS'Y	6/6/2011 Yes	4.00 Each	FedEx PI collect	\$61.6400	\$246.56
2	156005-6D0085	Special Inst: HOSE ASS'Y	AS PER DWG D3 B70218 6/6/2011 Yes	297 REV. D 4.00 Each	FedEx PI collect	\$101.7500	\$407.00
3	156005-6D0210	Special Inst:	AS PER DWG D3 B70219 6/6/2011 Yes	297 REV.D 4.00 Each	FedEx PI collect	\$117.1700 	\$468.68

Special Inst:

AS PER DWG D3297 REV. D

PO Total:

\$1,122.24

CERTIFICATE OF CONFORMITY REQ'D UPON DELIVERY

No substitution or deviation without consent.

Certificate of Conformity or Material Certification required when applicable

Change Nbr:

Change Date: 5/31/2011



Certificate of Conformance

Customer	API MONTRE	<u>AL</u>	D : 07/02/2011
Sales Order#	4500150337	PO#	Date <u>06/02/2011</u>

5 · · ·	Qty
Part#	2
111417-45-0104	2
111417-4S-0112	4
156001-6D-0096	
156005-6D-0085	4
56005-6D-0210	4
	Section 1997
₹	

We hereby certify that all the above parts, including all materials, have been manufactured, tested, inspected and packed in conformance with all of the requirements of your order and the applicable government specifications & standards. Records of tests, inspection and certification indicating the above conformance are on file at Aerospace Products International and are available for your examination.

It is further certified that on any hose assemblies marked with a TSO, parts and/or materials reflected therein were produced under Federal Aviation Administration approved manufacturing quality control systems/methods as set forth in the FAA issued technical standard order authorized (TSOA) issued to Stratoflex and (b) such parts and/or material are new and are in condition for safe operation.

If applicable, satisfactory compliance with the conditions and test required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.



API 2461 46th Ave. LACHINE QC H8T 3C9 CANADA



06/03/2011 14:27:23

rage I OI I

Pack List

Shipping	Address
DART AEF	OSPACE LTD.
1270 ABE	RDEEN STREET
HAWKESE	URY ON K6A 1K7
CANADA	
Forward	ng Agent's Address
Forward	ng Agent's Address

Packing Instructions

end of the document

Detailed Packing Instructions at the

Information	00000400 63			
Document Number	80890490			
Document Date	06/03/2011			
Purchase Order No.	PO14218			
Purchase Order Date	06/02/2011			
Sales Order Number	791802			
Sales Order Date	06/02/2011			
Customer Number	6100481			
Shipping Conditions	FXPri 1D (Intl 1-3D)			
Incoterms				
Cust Ship Acct				
Delivery Date	06/06/2011			
Bill of Lading				
Total Volume	0.012 IN3			
Carrier	PUROLATOR COURIER			
Carrier	22			

Item	Material	Material Description		Quantity	Weight	Batch Num
10	156001-6D- 0096	156-6 HOSE ASSEMBLY	(
	Batches 0001900892 (PO:	4500150337)	4 EA	O LB		
20	156005-6D- 0085	156-6 HOSE ASSEMBLY	(
	Batches 0001900893 (PO:	:4500150337)	4 EA	O LB		
30	156005-6D- 0210	156-6 HOSE ASSEMBL`	1112			
	Batches 0001900895 (PO	:4500150337)	4 EA	O LB		

Shipping and Packing Instructions

CERTIFICATE OF CONFOR	MANCE	
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I hereby certify that th eaircraft parts described hereon were acquired from a source of supply that is consistent with the conditions under which Transport Canada distributor approval number

77-98 has been granted.

Authorized Signature

AO#77-98